

Historical Floods: South Branch Potomac River near Springfield, West Virginia

Latitude: 39.447

Flood Stage: 15 ft

Period of Record: 1877-Present

Last Flood: 5/17/2014

Longitude: -78.654

Number of Floods: 83

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code					
11/25/1877	34.00	140,000	Major	C1 C8 G1	12/5/1950	17.02	28,000	Minor	none
4/21/1901	18.40	17,400	Minor	C1 F1 G1	12/8/1950	17.65	30,400	Minor	none
4/17/1929	19.13	36,400	Moderate	G3	4/28/1952	15.85	23,900	Minor	none
10/23/1929	16.33	25,600	Minor	none	3/2/1954	17.31	29,200	Minor	C2
11/19/1929	15.27	22,300	Minor	none	10/16/1954	21.50	48,200	Moderate	none
2/4/1932	20.40	42,500	Moderate	none	12/30/1954	15.28	22,300	Minor	none
5/12/1932	17.88	31,600	Minor	none	8/19/1955	25.55	73,400	Major	none
8/24/1933	17.00	28,000	Minor	none	3/31/1960	16.33	22,900	Minor	none
2/26/1936	16.10	24,800	Minor	none	5/9/1960	16.70	24,500	Minor	none
3/18/1936	34.20	143,000	Major	none	3/22/1962	17.27	29,200	Minor	none
4/27/1937	23.00	57,000	Moderate	none	3/20/1963	22.15	51,900	Moderate	none
10/29/1937	21.15	46,600	Moderate	none	3/6/1964	15.45	23,500	Minor	none
1/31/1939	15.35	21,100	Minor	none	3/8/1967	21.00	45,500	Moderate	none
2/4/1939	21.40	47,700	Moderate	none	3/16/1967	15.24	22,900	Minor	none
5/31/1940	20.11	41,000	Moderate	none	2/27/1972	15.29	23,000	Minor	none
5/17/1942	16.63	24,200	Minor	none	6/23/1972	17.87	31,500	Minor	none
5/23/1942	22.00	51,000	Moderate	none	10/6/1972	21.11	46,100	Moderate	none
10/16/1942	21.09	46,000	Moderate	none	12/27/1973	20.16	41,300	Moderate	none
9/19/1945	17.15	28,800	Minor	none	6/3/1974	18.15	32,600	Minor	none
4/15/1948	17.35	29,400	Minor	none	3/20/1975	20.34	40,500	Moderate	none
6/18/1949	29.85	104,000	Major	none	10/19/1975	17.32	27,900	Minor	none

Drainage Area: 1461 sq mi

Gage Datum: 561.41 ft MSL

Potomac Basin

County of Gage: Hampshire

County of Forecast Point: Hampshire

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1/1/1976	16.75	26,000	Minor	none
10/10/1976	23.42	58,300	Moderate	none
4/6/1977	16.58	25,500	Minor	none
1/27/1978	17.21	27,500	Minor	none
3/15/1978	18.10	30,700	Minor	none
3/27/1978	15.69	23,000	Minor	none
2/26/1979	19.17	34,200	Moderate	none
5/1/1980	16.07	24,000	Minor	none
3/21/1982	16.55	25,400	Minor	none
4/25/1983	16.71	25,900	Minor	none
2/15/1984	18.63	32,800	Minor	none
6/1/1985	16.20	24,400	Minor	none
11/5/1985	44.22	240,000	Major	none
3/15/1986	19.18	39,300	Moderate	none
4/17/1987	19.18	39,300	Moderate	none
3/24/1991	17.38	31,500	Minor	none
4/17/1993	18.26	34,500	Minor	none
2/10/1994	19.19	38,500	Moderate	none
5/8/1994	17.90	33,000	Minor	none
1/20/1996	28.41	93,900	Major	none
5/18/1996	16.79	29,300	Minor	none

9/7/1996	34.98	147,000	Major	none
3/21/1998	18.09	29,200	Minor	none
4/23/2002	17.49	27,700	Minor	none
2/24/2003	15.07	21,560	Minor	none
5/11/2003	15.95	23,675	Minor	none
9/20/2003	24.70	67,500	Moderate	none
11/20/2003	18.00	29,000	Minor	none
9/29/2004	15.19	21,800	Minor	none
3/3/2007	16.52	25,200	Minor	none
4/16/2007	19.50	33,200	Moderate	none
3/5/2008	16.93	26,300	Minor	none
1/26/2010	18.54	30,300	Minor	none
3/14/2010	19.37	32,700	Moderate	none
3/11/2011	15.24	21,900	Minor	none
4/13/2011	16.13	24,100	Minor	none
4/17/2011	15.35	22,200	Minor	none
4/29/2011	15.37	22,200	Minor	none
5/18/2011	19.00	31,500	Moderate	none
5/8/2013	16.79	25,900	Minor	none
5/17/2014	18.57	30,400	Minor	none

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-9999 signifies missing data

MARFC Codes

Code	Description
C1	Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
C2	Crest information looks reliable despite potential problems. This data was used in frequency calculations.
C3	Crest height estimated by the USGS.
C4	Crest height is from the National Weather Service.
C5	Crest height affected by backwater.
C6	Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
C7	Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
C8	Crest date (day) in the month is unknown.
C9	Flow is an estimate.
F1	Flow affected by regulation or diversion and in some cases to an unknown degree.
F2	Flow effected by snow-melt, ice jam or debris jam break up.
F3	Flow affected by dam failure.
F4	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
F5	Gage height at a different site and/or datum.
G1	Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
G2	Gage datum changed during this year.

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